

# Day 2

## Experiment 6:-

### Aim:-

To Demonstrate virtualization by Installing Type-2 Hypervisor in your device, create and configure VM image with a Host Operating system (Either Windows/Linux).

**STEP 1:** DOWNLOAD VMWARE WORKSTATION AND INSTALLED AS TYPE 2 HYPERVISOR

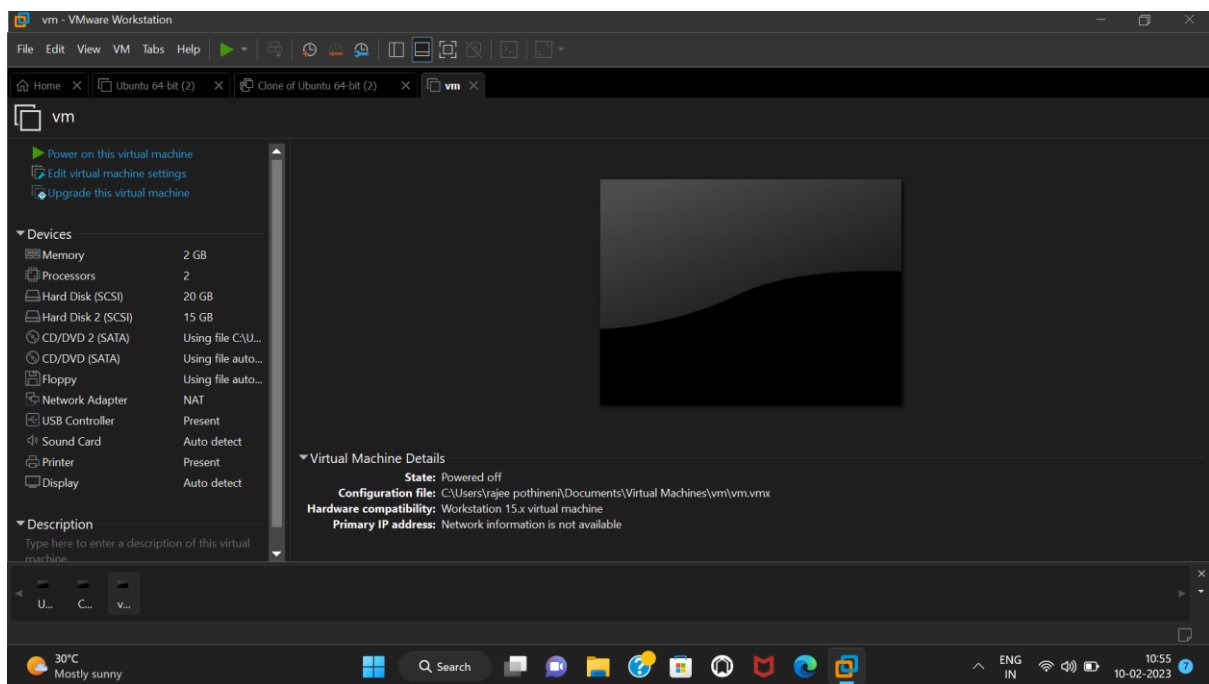
**STEP2:** DOWNLOAD UBUNTU OR TINY OS AS ISO IMAGE FILE

**STEP 3:** IN VMWARE WORKSTATION->CREATE NEW VM

**STEP 4:** DO THE BASIC CONFIGURATION SETTINGS.

**STEP 5:** CREATED TINYOS VIRTUAL MACHINE

**STEP 6:** LAUNCH THE VM



## Experiment 7:-

### Aim:-

TO CREATE A VIRTUAL MACHINE WITH 1 VCPU, 2GB RAM AND 15GB STORAGE DISK USING A TYPE 2 VIRTUALIZATION SOFTWARE

**STEP 1:** GOTO VMWARE WORKSTATION

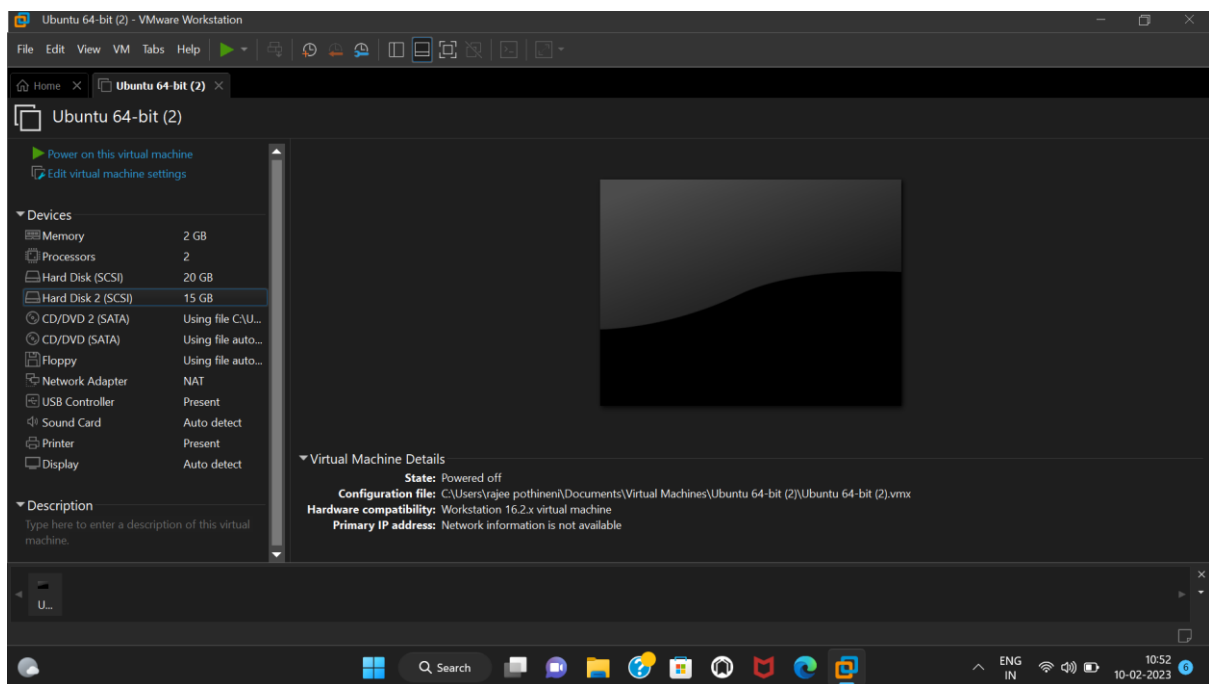
**STEP2:** RIGHT CLICK THE VM AND GOTO THE SETTINGS

**STEP 3:** ADD HARDWARE WIZARD AND SELECT SCSI AND CLICK NEXT

**STEP 4:** CREATE NEW VIRTUAL DISK

**STEP 5:** SELCT THE DISK SIZE AS 2.0. AND SELCT SPLIT VIRTUAL DISK INTO MULTIFILES.

**STEP 6:** GIVE NAME AND CLICK THE FINISH



## Experiment 8:-

### Aim:-

TO CREATE A VIRTUAL HARD DISK AND ALLOCATE THE STORAGE USING VM WARE WORKSTATION

**STEP 1:** GOTO VMWARE WORKSTATION

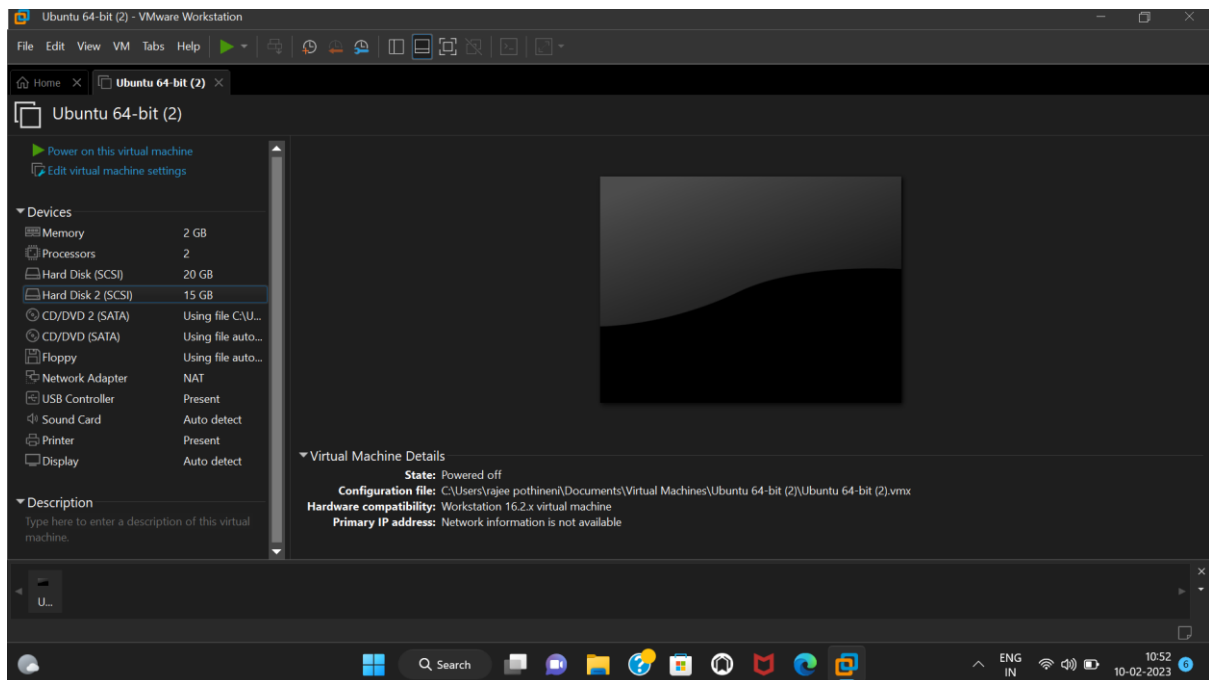
**STEP2:** RIGHT CLICK THE VM AND GOTO THE SETTINGS

**STEP 3:** ADD HARDWARE WIZARD AND SELECT SCSI AND CLICK NEXT

**STEP 4:** CREATE NEW VIRTUAL DISK

**STEP 5:** SELCT THE DISK SIZE AS 2.0. AND SELCT SPLIT VIRTUAL DISK INTO MULTIFILES.

**STEP 6:** GIVE NAME AND CLICK THE FINISH



## Experiment 9:-

### Aim:-

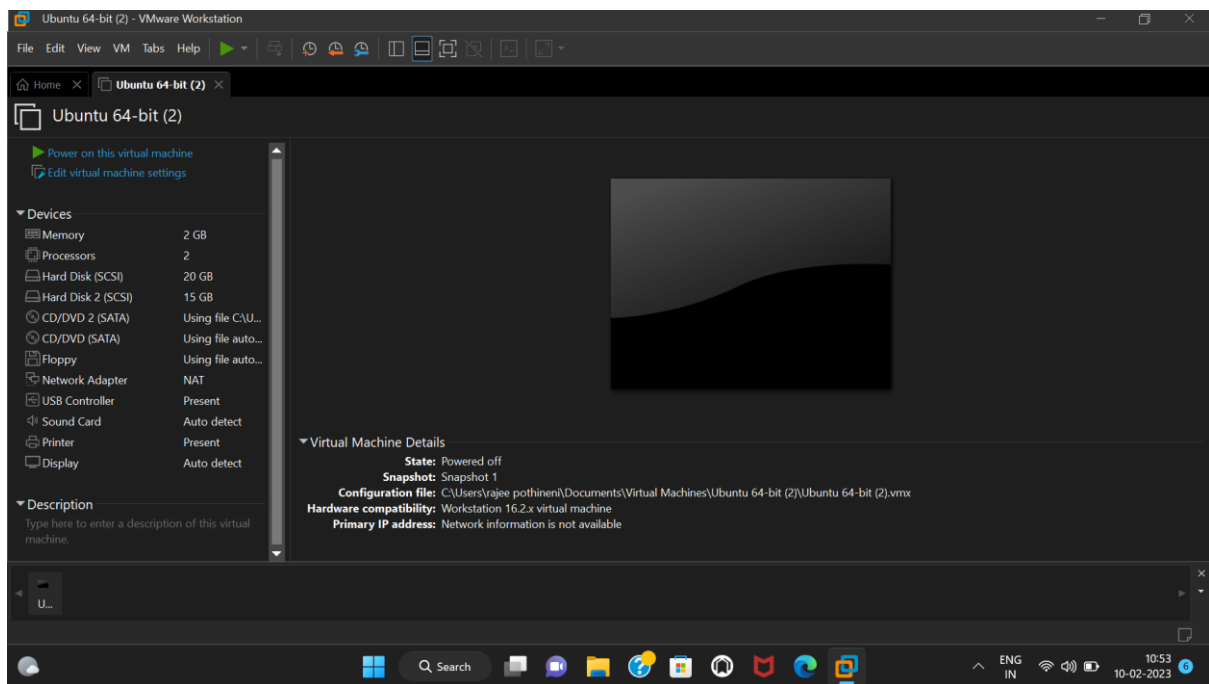
CREATE A SNAPSHOT AND CLONING OF A VM AND TEST IT BY LOADING THE PREVIOUS VERSION/CLONED VM.

STEP 1: GOTO VMWARE WORKSTATION

STEP 2: CREATE FILES ON DESKTOP

STEP 2: CLICK ON VM AND SELECTS SNAPSHOT-> TAKE SNAPSHOT.

STEP 4: SNAPSHOT IS BEING DONE



## Experiment 10:-

### Aim:-

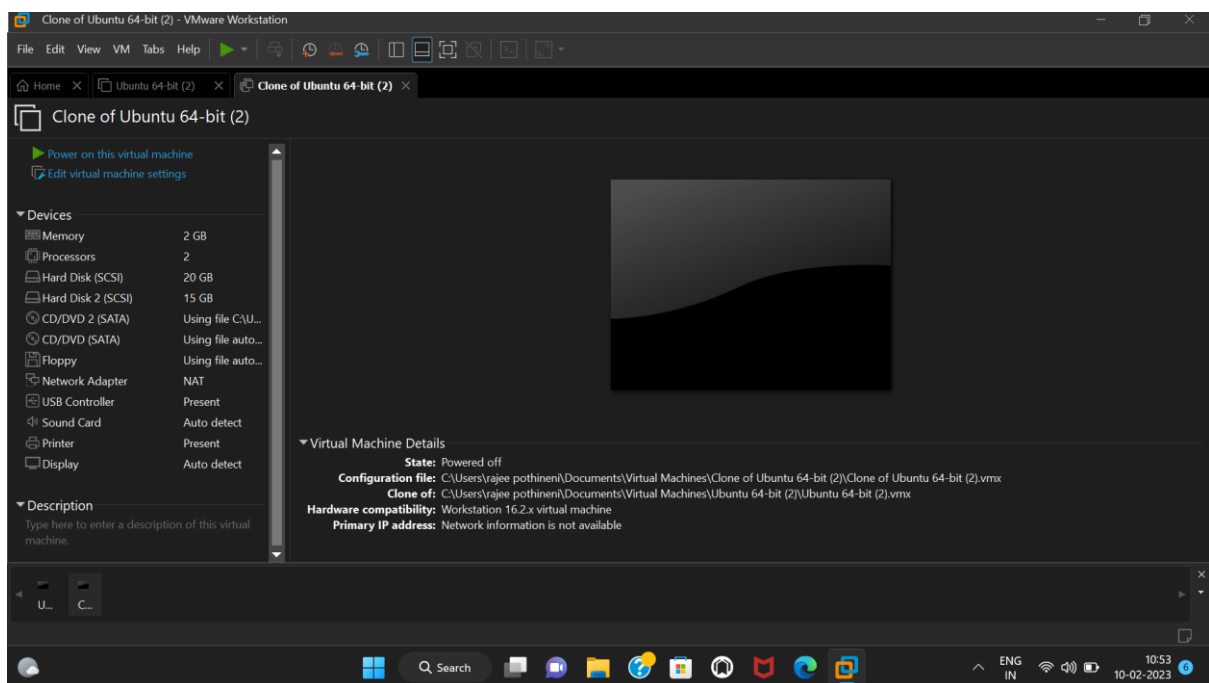
CREATE A CLONING OF A VM AND TEST IT BY LOADING THE PREVIOUS VERSION/CLONED VM

**STEP 1:** GO TO VM AND GOTO MANAGE AND CLICK CLONE

**STEP 2:** CLICK CLONE

**STEP 3:** SELECT THE FULL CLONE

**STEP 4:** AFTER CLONE AGAIN OR VM IS OPENED



## Experiment 11:-

## Aim:-

Change Hardware compatibility of a VM (Either by clone/create new one) which is already created and configured.

**STEP 1:** GO TO VM AND GOTO MANAGE

**STEP 2:** CLICK ON CHANGE HARDWARE COMPATIBILITY

**STEP 3:** CHOOSE THE HARDWARE COMPATIBILITY

**STEP 4:** NAME THE CLONE

**STEP 5:** THE HARDWARE COMPATIBILITY IS CHANGE SUCCESSFULLY

